

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/050303

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06T5/00 G06T7/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, BIOSIS, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WYATT C L ET AL: "AUTOMATIC SEGMENTATION OF THE COLON FOR VIRTUAL COLONOSCOPY" COMPUTERIZED MEDICAL IMAGING AND GRAPHICS, PERGAMON PRESS, NEW YORK, NY, US, vol. 24, no. 1, 2000, pages 1-9, XP000925199 ISSN: 0895-6111 abstract section "1. Introduction" section "3. The algorithm" – section "3.3. Automatic location of seed points" section "4. Results" section "5. Discussion" figures 1,2</p> <p>-----</p> <p style="text-align: center;">-/-</p>	1,5,6,9, 10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the International search report
26 July 2004	03/08/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3046	Authorized officer Eckert, L

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 366 800 B1 (AHN DAVID K ET AL) 2 April 2002 (2002-04-02) column 1, line 23 - column 2, line 20 column 2, line 63 - column 3, line 1 column 3, line 55 - line 59 column 4, line 43 - line 53 column 5, line 26 - column 6, line 22 column 7, line 44 - line 49 column 14, line 13 - line 19 -----	1,5,6,9, 10
A	BRATHWAITE P A ET AL: "Lumen detection in human IVUS images using region-growing" COMPUTERS IN CARDIOLOGY, 1996 INDIANAPOLIS, IN, USA 8-11 SEPT. 1996, NEW YORK, NY, USA, IEEE, US, 8 September 1996 (1996-09-08), pages 37-40, XP010205882 ISBN: 0-7803-3710-7 abstract section "1. Introduction" section "2.1 Region-growing" section "2.2 Watershed segmentation" figure 1 -----	1-10

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6366800	B1 02-04-2002	US 5920319	A	06-07-1999
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